



PROGRESS IN MOTION

## GENERAL INFORMATION CITY OF FRISCO, TEXAS

**COMPETITIVE SEALED BID NO. 1201-036**  
**ANNUAL CONTRACT WITH THE OPTION TO EXTEND THE TERM OF**  
**THE CONTRACT FOR FOUR (4) ADDITIONAL ONE (1) YEAR PERIODS**  
**WITH THE SAME TERMS AND CONDITIONS FOR LION APPAREL**  
**ONLY (NO SUBSTITUTES WILL BE CONSIDERED) FOR PERSONAL**  
**PROTECTIVE EQUIPMENT FOR THE CITIES OF FRISCO, APPLEBY,**  
**COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN**  
**AND CEDAR HILL**

~~~~~  
DOCUMENTS ARE DUE TO THE OFFICE OF THE DIRECTOR OF  
ADMINISTRATIVE SERVICES PRIOR TO:

***FEBRUARY 21, 2012 @ 2:00PM CST***

***NO LATE BIDS WILL BE ACCEPTED***

**ORIGINAL ON A CD OR FLASHDRIVE AND ONE COPY  
REQUIRED**

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**DOCUMENTS**  
**MAY BE DELIVERED OR**  
**MAILED TO:**

**CITY OF FRISCO**  
**TOM JOHNSTON, DIRECTOR**  
**OF ADMINISTRATIVE**  
**SERVICES**  
**6101 Frisco Square Blvd.,**  
**FRISCO, TX 75034**

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**FOR ADDITIONAL INFORMATION CONCERNING THIS BID PLEASE CONTACT:**

**Tom Johnston C.P.M., CPPO**  
**Director or Administrative Svcs**  
[tjohnston@friscotexas.gov](mailto:tjohnston@friscotexas.gov)  
**972 292 5540**

**Jean Stellatella CPIM, CPPB**  
**Buyer**  
[jstellatella@friscotexas.gov](mailto:jstellatella@friscotexas.gov)  
**972 292 5541**



## CITY OF FRISCO

### COMPETITIVE SEALED BID NUMBER 1201-036

**LION APPAREL ONLY (NO SUBSTITUTES WILL BE CONSIDERED) FOR PERSONAL PROTECTIVE EQUIPMENT FOR THE CITIES OF FRISCO, APPLEBY, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN AND CEDAR HILL**

**BIDDER MUST SUBMIT ORIGINAL BID ON A CD OR FLASHDRIVE PLUS ONE "COPY" TO FACILITATE EVALUATION. IF A "COPY" IS NOT SUBMITTED WITH THE ORIGINAL CD OR FLASHDRIVE, THE BID MAY BE CONSIDERED AS "NON-RESPONSIVE TO SPECIFICATIONS" AND MAY NOT BE CONSIDERED FOR FURTHER EVALUATION.**

**The City of Frisco (the "City") is accepting Competitive Sealed Bids for LION APPAREL ONLY (NO SUBSTITUTES CONSIDERED) FOR PERSONAL PROTECTIVE EQUIPMENT FOR THE CITIES OF FRISCO, APPLEBY, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN AND CEDAR HILL**

It is the policy of the City to involve small businesses and qualified minority/woman owned businesses to the greatest extent possible in the procurement of goods, equipment, services, and construction projects.

**Bid must be received by February 21, 2012 at 2:00 PM CENTRAL STANDARD TIME (CST) BY THE DIRECTOR OF ADMINISTRATIVE SERVICES. NO BID WILL BE ACCEPTED AFTER THAT DATE AND TIME. ALL BIDS RECEIVED AFTER THIS DATE AND TIME WILL BE CONSIDERED UNRESPONSIVE.**

**Bids will be publicly opened and read at the Frisco City Hall located at 6101 Frisco Square Blvd., Frisco, Texas 75034 on February 21, 2012 at 2:05 PM CST in Conference Room C116.**

**Write the competitive sealed bid number 1201-036, name of bid, PERSONAL PROTECTIVE EQUIPMENT FOR THE CITIES OF FRISCO, APPLEBY, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN AND CEDAR HILL and the name of your organization on the outer envelope.**

Bids are to be submitted in accordance with the attached City specifications and the "General Conditions of Bidding" attached hereto. Each bidder is required to fill in every blank; failure to

do so may be used as a basis for rejection of a bid. The City reserves the right to reject any or all bids, to waive formalities, or to proceed otherwise when in the best interest of the City.

**SEE ATTACHED SPECIFICATIONS/BID FORM**

The successful bidder may be required to execute a written contract.

The City will have the right and option to extend the term of the contract for four (4) additional one (1) year periods upon the same terms and conditions. The City will also have the right and option to terminate the contract upon thirty (30) days written notice.

## GENERAL CONDITIONS OF BIDDING

1. INSTRUCTIONS: These instructions apply to all bids/proposals and become a part of the terms and conditions of any bid/proposal submitted and any agreement entered into subsequent thereto, unless exception is taken in writing by bidder when submitting bid.

### **BIDDING**

2. FORM: Bidders must submit original on a CD or Flashdrive and one (1) copy of the sealed bid/written quote/proposal to the Director of Administrative Services prior to response due date/time. Failure to submit the additional copy may result in the bid being declared unresponsive to specification and may not be further evaluated.
3. PRICING: Price(s) quoted must be held firm for a minimum of ninety (90) days from the date of bid closing. In the case of estimated requirement contract bid, the prices must remain firm for the period as specified in the bid. "Discount from list" bids are not acceptable unless specifically requested in the bid.
4. QUANTITIES: In the case of estimated requirements contract bid, quantities appearing are estimated as realistically as possible. However, the City reserves the right to increase, decrease or delete any item or items of material to be furnished while continuing to pay the price quoted on this bid regardless of quantity. The successful bidder shall have no claim against the City for anticipated profits for the quantities called for, diminished, or deleted.
5. ERROR-QUANTITY: Bids must be submitted on units of quantity specified, extended, and show total. In the event of discrepancies in extension, the unit prices shall govern.
6. F.O.B./DAMAGE: Quotations shall be bid F.O.B. delivered to the designated Municipal Facility, Frisco, Texas and shall include all delivery and packaging costs. The City assumes no liability for goods delivered in damaged or unacceptable condition. The successful bidder shall handle all claims with carriers, and in case of damaged goods, shall ship replacement goods immediately upon notification by the City.
7. DELIVERY PROMISE-PENALTIES: Bids MUST show the number of calendar days required to place the material in the possession of the City. Do not quote shipping dates. When delivery delay can be foreseen, the bidder shall give prior written notice to the City, who shall have the right, in its sole discretion, to extend the delivery date if reasons for delay appear acceptable. Default in promised delivery, without acceptable reasons, or failure to meet specifications, authorizes the City to purchase the goods elsewhere, and charge any increase in cost and handling to the defaulting bidder.
8. BIDDER SHALL PROVIDE: With this bid response, the bidder shall provide all documentation required. Failure to provide this information may result in rejection of bid.

9. ALTERING/WITHDRAWAL OF BIDS: Bids cannot be altered or amended after submission deadline. The signer of the bid, guaranteeing authenticity, must initial any interlineations alteration, or erasure made before opening time. No bid may be withdrawn after opening time without first submitting a written reason to the Director of Administrative Services and obtaining the Director of Administrative Services approval.
10. PRESENTATION OF BIDS: No oral, telegraphic, telephonic, e-mailed, or facsimile bids will be considered at this time. All bids must be submitted in a sealed envelope.
11. CORRESPONDENCE: This bid number must appear on ALL correspondence, inquiries, bid submittal documents, etc. pertaining to this Invitation for Bid.
12. ADDENDA: Any interpretations, corrections or changes to this Invitation for Bid and specifications will be made by addenda. Sole issuing authority of addenda shall be vested in the City of Frisco Purchasing Division. An attempt will be made to mail, fax, or e-mail any addenda to all who are known to have received a copy of this Invitation for Bid. Bidders shall acknowledge receipt of all addenda in the designated area on the bid document. It is the responsibility of the bidder to ensure receipt of all addenda and to include the changes in this bid document.
13. LATE BIDS: Bids received by the City after submission deadline shall be returned unopened and will be considered void and unacceptable. The City is not responsible for lateness of mail, carrier, etc.
14. BID OPENINGS: All bids submitted will be read at the City's regularly scheduled bid opening for the designated project. However the reading of a bid at bid opening should not be construed as a comment on the responsiveness of such bid or as any indication that the City accepts such bid as responsive.

The City will make a determination as to the responsiveness of bids submitted based upon compliance with all applicable laws, City of Frisco Purchasing Guidelines, and project documents, including but not limited to the project specifications and contract documents. The City will notify the successful bidder upon award of the contract and according to state law; all bids received will be available for inspection at that time, unless otherwise provided by law.

15. BID TABULATION: Bidders desiring a copy of the bid tabulation may request it by enclosing a self-addressed stamped envelope with bid. **BID RESULTS WILL NOT BE GIVEN BY TELEPHONE**. You can also download a copy on our website, [www.friscotexas.gov](http://www.friscotexas.gov). If you have any questions, please contact the City of Frisco, Purchasing Division, at (972) 292-5541.
16. PROTESTS: All protests regarding the bid solicitation process must be submitted in writing to the City within five (5) working days following the opening of bids. This includes all protests relating to advertising of bid notices, deadlines, bid opening, and all other related procedures under the Local Government Code, as well as any protests relating to alleged improprieties or ambiguities in the specifications.

This limitation does not include protests relating to staff recommendations as to award of this bid. Protests relating to staff recommendations may be directed to the City Manager within in five (5) days of the staff recommendation memo. Unless otherwise provided by law, all staff recommendations will be made available for public review prior to consideration by the City Council.

17. **BID AWARD:** The City reserves the right to award a separate contract to separate bidders for each item/group or to award one contract for the entire bid. Unless stipulated in the attached bid specifications, the contract will be awarded to the lowest responsible bidder or to the bidder who provides the goods or services specified herein at the best value for the City in compliance with Texas Local Government Code, Section 252.043.
18. **CHANGE ORDERS:** No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated in the resulting contract. All change orders to the contract will be made in writing by the City.

### **PERFORMANCE**

19. **MINIMUM STANDARDS FOR RESPONSIBLE PROSPECTIVE BIDDERS:** A prospective bidder must affirmatively demonstrate bidder's responsibility. A prospective bidder must meet the following requirements:
  - A. Have adequate financial resources or the ability to obtain such resources as required;
  - B. Be able to comply with the required or proposed delivery schedule;
  - C. Have a satisfactory record of performance;
  - D. Have a satisfactory record of integrity and ethics; and
  - E. Be otherwise qualified and eligible, as determined by the City, to receive an award.

The City may request representation and other information sufficient to determine bidder's ability to meet these minimum standards listed above.

20. **ASSIGNMENT:** The successful bidder shall not sell, assign, transfer or convey this contract in whole or in part, without the prior written consent of the City.
21. **SPECIFICATION-SAMPLES:** Any catalog, brand name, or manufacturer's reference used is considered to be descriptive, not restrictive, and is indicative of the type and quality the City desires to purchase. Bids on brands of like nature and quality may be considered unless specifically excluded. If bidding on other than reference, bid must certify article offered is equivalent to specifications and it is subject to approval by the using department and the Purchasing Division. Samples, if required, shall be furnished free of expense to the City. **SAMPLES SHOULD NOT BE ENCLOSED WITH BID UNLESS REQUESTED.**
22. **TESTING:** An agent so designated, by the City, without expense to the City, may perform testing at the request of the City or any participating entity.
23. **PACKAGING:** Unless otherwise indicated, items will be new, unused, and in first class condition in containers suitable for damage-free shipment and storage.

24. DELIVERY: Deliveries will be acceptable only during normal working hours at the designated City Municipal Facility. The place of delivery shall be set forth in the purchase order. The terms of this agreement are "no arrival, no sale".
25. TITLE AND RISK OF LOSS: The title and risk of loss of goods shall not pass to the City until the City actually receives and takes possession of the goods at the point(s) of delivery.
26. PATENT RIGHTS: The Bidder agrees to indemnify and hold the City harmless from any claim involving patent right infringement or copyrights on goods supplied.

#### **PURCHASE ORDERS AND PAYMENT**

27. PURCHASE ORDERS: A purchase order(s) shall be generated by the City Director of Administrative Services to the successful bidder. The purchase order number must appear on all itemized invoices and packing slips. The City will not be held responsible for any work orders placed and/or performed without a valid current purchase order number. Payment will be made for all services rendered and accepted by the contract administrator for which a valid invoice has been received.
28. BID SECURITY/BOND REQUIREMENTS: If required, bid security shall be submitted with bids. Any bid submitted without bid bond, or cashiers/certified check, shall be considered non-responsive and will not be considered for award. Performance and/or payment bonds, when required, shall be submitted to the City, prior to commencement of any work pursuant to the agreement provisions.
29. FUNDING: The City is a home-rule municipal corporation operated and funded on an October 1 to September 30 basis, accordingly, the City reserves the right to terminate, without liability to the City, any contract for which funding is not available.
30. TAXES: The City is exempt from Federal Manufacturer's Excise, and State sales taxes. TAX MUST NOT BE INCLUDED IN BID PRICING. Tax exemption certificates will be executed by the City and furnished upon request by the Finance Division.
31. PAYMENT TERMS: Payment terms are Net 30 unless otherwise specified by the City in this document. Prompt payment discounts may be used by the City in determining the lowest responsible bidder.
32. INVOICES: Invoices must be submitted by the successful bidder in duplicate to the City of Frisco, Finance Division, 6101 Frisco Square Blvd., Frisco, Texas 75034.

#### **CONTRACT**

33. CONTRACT PERIOD/RENEWAL OPTIONS: In the case of an annual contract bid, the contract shall be for a predetermined period as specified in the Invitation for Bids. If a clause for option to renew for additional period(s) is (are) included, renewal(s) will be based solely upon the option and written agreement between both the City and the

Contractor. Either party dissenting will terminate the contract in accordance with its initial specified term.

34. **INTERLOCAL AGREEMENT:** Successful bidder agrees to extend prices to all entities that have entered into or will enter into joint purchasing Interlocal Cooperation Agreements with the City. The City is a participating member of the Collin County Governmental Purchasing Forum (the "Forum"). As such, the City has executed Interlocal Agreements, as permitted under Section 791.025 of the Texas Government Code with certain other governmental entities in Collin County authorizing participation in a cooperative purchasing program. The successful bidder may be asked to provide products/services, based upon bid price, to any other participant in the Forum.
35. **AUDIT:** The City reserves the right to audit the records and performance of successful bidder during the term of the contract and for three (3) years thereafter.
36. **SUCCESSFUL BIDDER SHALL:** Defend, indemnify and save harmless the City and all its officers, Managers and employees and all entities, their officers, Managers and employees who are participating in this contract from all suits, actions or other claims of any character, name and description brought for or on account of any injuries, including death, or damages received or sustained by any person, persons, or property on account of any negligent act or fault of the successful bidder, or of any Manager, officer, director, representative, employee, subcontractor or supplier in the execution of, or performance under, any contract which may result from bid award. Successful bidder shall pay any judgment with cost which may be obtained against the City and participating entities growing out of such injury or damages.
37. **TERMINATION FOR DEFAULT:** The City reserves the right to enforce the performance of this contract in any manner prescribed by law or deemed to be in the best interest of the City in the event of breach or default of this contract. The City reserves the right to terminate the contract immediately in the event the successful bidder fails to: (1) meet delivery schedules; or (2) otherwise performs in accordance with these specifications. Breach of contract or default authorizes the City to, among other things, award to another bidder, purchase elsewhere and charge the full increase in cost and handling to the defaulting successful bidder.
38. **ACCEPTABILITY:** All articles enumerated in the bid shall be subject to inspection by a City officer or employee designated for the purpose. If found inferior to the quality called for, or not equal in value to the specifications, deficient in workmanship or otherwise, this fact shall be certified to the Director of Administrative Services who shall have the right to reject the whole or any part of the same. Work determined to be contrary to specifications must be replaced by the bidder and at its expense. All disputes concerning quality of supplies utilized in the performance of this bid will be determined solely by the City Director of Administrative Services or designated representative.



39. REMEDIES: The successful bidder and the City agree that each party has all rights, duties, and remedies available as stated in the Uniform Commercial Code and any other available remedy, whether in law or equity.
40. VENUE: This contract will be governed and construed according to the laws of the State of Texas. This contract is performable in Collin County, Texas.
41. SILENCE OF SPECIFICATION: The apparent silence of these specifications as to any detail or to the apparent omission from it of a detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail. All interpretations of these specifications shall be made on the basis of this statement.
42. NO PROHIBITED INTEREST: The bidder acknowledges and represents they are aware of the laws and City Charter regarding conflicts of interest. The City Charter states in part that "No officer, whether elected or appointed, or any employee, whether full or part time, of the City shall have a substantial financial interest, direct or indirect, in any contract, other than employment contracts, with the City; or have a substantial financial interest, direct or indirect in the sale to the City of any land, materials, supplies or services."
42. FORCE MAJEURE: If, by reason of Force Majeure, either party hereto shall be rendered unable wholly or in part to carry out its obligations under this contract, then such party shall give notice and full particulars of such Force Majeure in writing to the other party within a reasonable time after occurrence of the event or cause relied upon, and the obligation of the party giving such notice, so far as it is affected by such Force Majeure, shall be suspended during the continuance of the inability then claimed, except as hereinafter provided, but for no longer period, and such party shall endeavor to remove or overcome such inability with all reasonable dispatch. The term Force Majeure as employed herein, shall mean acts of God, strikes, lockouts, or other industrial disturbances, act of public enemy, orders of any kind of government of the United States or the State of Texas or any civil or military authority, insurrections, riots, epidemics, landslides, lightning, earthquake, fires, hurricanes, storms, floods, washouts, droughts, arrests, restraint of government and people, civil disturbances, explosions, breakage or accidents to machinery, pipelines, or canals, or other causes not reasonable within the control of the party claiming such inability. It is understood and agreed that the settlement of strikes and lockouts shall be entirely within the discretion of the party having the difficulty, and that the above requirement that any Force Majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes and lockouts by acceding to the demands of the opposing party or parties when such settlement is unfavorable in the judgment of the party having the difficulty.

43. DISCLOSURE OF CERTAIN RELATIONSHIPS

Effective January 1, 2006, Chapter 176 of the Texas Local Government Code requires that any vendor or person considering doing business with a local government entity disclose in the Questionnaire Form CIQ, the vendor or person's affiliation or business relationship that might cause a conflict of interest with a local government entity. By law, this questionnaire must be filed with the records administrator of the City of Frisco not later than the 7<sup>th</sup> business day after the date the person becomes aware of facts that require the statement to be filed. See Section 176.006, Local Government Code. A person commits an offense if the person violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor. Chapter 176 and the questionnaire may be found at [www.friscotexas.gov](http://www.friscotexas.gov).

By submitting a response to this request, vendor represents that it is in compliance with the requirements of Chapter 176 of the Texas Local Government Code.

**NOTICE TO BIDDER/SPECIAL CONDITIONS**

**Vendor shall supply one parts publication and one maintenance/repair publication (CD-ROM preferred) with delivery of this equipment.**

Please complete the following:

The City wishes to be placed on the manufacturer's mailing lists to receive all special bulletins and supplements pertaining to services, repairs, problems, et cetera. Please provide information on the steps needed to accomplish this:

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State location nearest to the City of Frisco where warranty work will be performed:

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This quote was prepared by:

Signature:

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Printed Name:

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Title:

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## CITY OF FRISCO CONTRACTOR INSURANCE REQUIREMENTS

Contractors providing good, materials and services for the City of Frisco shall, during the term of the contract with the City or any renewal or extension thereof, provide and maintain the types and amounts of insurance set forth herein. All insurance and certificate(s) of insurance shall contain the following provisions:

1. Name the City, its officers, Managers, representatives, and employees as additional insureds as to all applicable coverage with the exception of workers compensation insurance.
2. Provide for at least thirty (30) days prior written notice to the City for cancellation, non-renewal, or material change of the insurance.
3. Provide for a waiver of subrogation against the City for injuries, including death, property damage, or any other loss to the extent the same is covered by the proceeds of insurance.

Insurance Company Qualification: All insurance companies providing the required insurance shall be authorized to transact business in Texas and rated at least "A" by AM Best or other equivalent rating service.

Certificate of insurance: A certificate of insurance evidencing the required insurance shall be submitted with the contractor's bid or response to proposal. If the contract is renewed or extended by the City a certificate of insurance shall also be provided to the City prior to the date the contract is renewed or extended.

### Type of Contract

### Type and amount of Insurance

#### Special Events

General Liability insurance for personal injury (including death) and property damage with a minimum of \$1 Million Dollars per occurrence and \$2 Million Dollars aggregate, including coverage for advertising injury and products coverage

Statutory Workers compensation insurance as required by state law

(If the contractor serves alcoholic beverages)  
Liquor Liability with a minimum of \$1 Million Dollars per Occurrence and \$2 Million Aggregate.

(If high risk or dangerous activities) Umbrella Coverage or Liability Excess Coverage of \$ 2 Million Dollars

(If automobile or limousine service is involved even if volunteers)  
Automobile Liability with a minimum of \$1 Million Dollars combined single limit.

#### Public Works and Construction

General Liability insurance for personal injury (including death) and property damage with a minimum of \$1 Million Dollars per occurrence and \$2 Million Dollars aggregate, including advertising injury, products coverage and (XCU) Explosion, collapse and underground (If high risk or dangerous activities) Umbrella Coverage or Excess Liability Coverage of \$2 Million Dollars Statutory Workers compensation insurance as required by state law

#### Professional Services

Professional Liability Insurance with a minimum of \$1 Million Dollars per occurrence and \$2 Million Dollars aggregate.

(If size or scope of project warrant)  
Umbrella Coverage or Excess Liability Coverage of \$2 Million Dollars

ACORD Certificate of Liability Insurance				DATE (MM/DD/YYYY) 11/21/2007	
<b>PRODUCER</b> City of Frisco 5101 Frisco Square Blvd. Frisco, TX 75034		<b>INSURANCE COMPANY NAME &amp; ADDRESS</b> Insurance Company Name & Address Phone & Fax #'s		<b>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.</b>	
<b>INSURED</b> Choices QuickForms Street Address1 Street Address2 City State Zip		<b>VENDOR NAME &amp; ADDRESS</b> Vendor Name & Address City State Zip		<b>INSURERS AFFORDING COVERAGE</b> INSURER A INSURER B INSURER C INSURER D INSURER E	
<b>COVERAGES</b> THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR ANY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF EACH POLICY. E. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.					
PRODUCTS LISTED	TYPE OF COVERAGE	POLICY NUMBER	POLICY EFFECTIVE DATE	POLICY EXPIRATION DATE	LIMITS
GENERAL LIABILITY	COMMERCIAL GENERAL LIABILITY				EACH OCCURRENCE \$1,000,000
	CLAIMS MADE				
	ADDITIONAL COVERAGES				
	AGGREGATE LIMIT APPLIES PER:				
AUTOMOBILE LIABILITY	ANY AUTO				COMBINED SINGLE LIMIT \$1,000,000
	ALL OWNED AUTOS				
	SCHEDULED AUTOS				
	NON-OWNED AUTOS				
GLASS LIABILITY	ANY AUTO				COMBINED SINGLE LIMIT \$1,000,000
	ALL OWNED AUTOS				
	SCHEDULED AUTOS				
	NON-OWNED AUTOS				
EXCESS/UMBRELLA LIABILITY	DOCS				COMBINED SINGLE LIMIT \$1,000,000
	CLAIMS MADE				
	ADDITIONAL COVERAGES				
	AGGREGATE LIMIT APPLIES PER:				
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	ANY POLICY PERIOD/DATE OF OCCURRENCE				COMBINED SINGLE LIMIT \$1,000,000
	ANY POLICY PERIOD/DATE OF OCCURRENCE				
	ANY POLICY PERIOD/DATE OF OCCURRENCE				
	ANY POLICY PERIOD/DATE OF OCCURRENCE				
OTHER	ANY POLICY PERIOD/DATE OF OCCURRENCE				COMBINED SINGLE LIMIT \$1,000,000
	ANY POLICY PERIOD/DATE OF OCCURRENCE				
	ANY POLICY PERIOD/DATE OF OCCURRENCE				
	ANY POLICY PERIOD/DATE OF OCCURRENCE				
<b>DESCRIPTION OF OPERATIONS, LOCATIONS, VEHICLES, EXCLUSIONS, AGENTS, ENDORSEMENTS, SPECIAL PROVISIONS</b> The City of Frisco, its officers, agents, representatives, and employees as additional insureds as to all applicable coverage with the exception of workers compensation insurance. Provide a waiver of subrogation against the City for injuries, including death, property damage, and any other loss or damage, that is covered by the proceeds of insurance.					
<b>CERTIFICATE HOLDER</b> The City of Frisco 5101 Frisco Square Blvd. Frisco, TX 75034			<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL EXCEDE TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO LIABILITY ON LIABILITY OF ANY AGENT UPON THE ISSUING, ITS AGENTS OR REPRESENTATIVES. AS THEIR REPRESENTATIVE		

ACORD 25 (2001/08)

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## Supplemental Information

Texas Government Code Section 2252.002 Non-resident bidders. A governmental entity may not award a governmental contract to a nonresident bidder unless the nonresident underbids the lowest bid submitted by a responsible resident bidder by an amount that is not less than the amount by which a resident bidder would be required to underbid the nonresident bidder to obtain a comparable contract in the state in which the nonresident's principal place of business is located.

In order to make this determination, please answer the following questions:

1. Address and phone number of your principal place of business:

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2. Name and address of principal place of business, and phone number of your company's majority owner:

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3. Name and address of principal place of business, and phone number of your company's ultimate parent company:

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### MINORITY/WOMAN-OWNED BUSINESS PARTICIPATION

It is the policy of the City of Frisco to involve small businesses and qualified minority/women-owned businesses to the greatest extent possible in the procurement of goods, equipment, services and construction projects. To assist us in our record keeping, please list below the names of the minority or woman-owned firms you would be utilizing in this bid, and note the monetary involvement:

NAME OF FIRM	TELEPHONE #	\$ INVOLVEMENT

**AFFIDAVIT OF NO PROHIBITED INTEREST**  
(Supplemental Information)

(I) (WE), the undersigned declare and affirm that no person or officer in (my) (our) firm, business, corporation, or board has or will have during the term of this contract a prohibited interest as that is defined in City Charter.

(I) (WE) further understand and acknowledge that the existence of a prohibited interest at any time during the term of this contract will render the contract voidable.

Name of Contractor: \_\_\_\_\_

Title of Officer: \_\_\_\_\_

Signature of Contractor: \_\_\_\_\_

Date: \_\_\_\_\_

**ACKNOWLEDGMENT**

STATE OF TEXAS           \*

\*

COUNTY OF COLLIN       \*

BEFORE ME, the undersigned authority, on this day personally appeared, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same as the act and deed of \_\_\_\_\_, for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN under my hand and seal of office this the \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Signature of Notary Public in and for the State of Texas

STAMP



## SUPPLEMENTAL INFORMATION

Please provide the following information for contract development.

Is your firm?

- |                        |                          |     |                          |    |
|------------------------|--------------------------|-----|--------------------------|----|
| 1. Sole Proprietorship | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |
| 2. Partnership         | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |
| 3. Corporation         | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |

If company is a sole proprietorship, list the owner's full legal name:

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If company is a partnership, list the partner's full legal name(s):

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If company is a corporation, list the full legal name as listed on the corporate charter:

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Is this firm a minority, or woman-owned business enterprise?

☐ NO    ☐ YES    If yes, specify (☐) MBE    (☐) WBE

Has this firm been certified as a minority/woman-owned business enterprise by any governmental agency?    ☐ NO    ☐ YES

If yes, specify governmental agency: \_\_\_\_\_

Date of certification: \_\_\_\_\_

For explanation please see Terms and Conditions Item #43

<b>CONFLICT OF INTEREST QUESTIONNAIRE</b>		<b>FORM CIQ</b>
<b>For vendor or other person doing business with local governmental entity</b>		
<p>This questionnaire is being filed in accordance with chapter 176 of the Local Government Code by a person doing business with the governmental entity.</p> <p>By law this questionnaire must be filed with the records administrator of the local government not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. See Section 176.006, Local Government Code.</p> <p>A person commits an offense if the person violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor.</p>		<b>OFFICE USE ONLY</b>
1	<b>Name of person doing business with local governmental entity.</b>	Date Received
2	<p><input type="checkbox"/> Check this box if you are filing an update to a previously filed questionnaire.</p> <p>(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than September 1 of the year for which an activity described in Section 176.006(a), Local Government Code, is pending and not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate.)</p>	
3	<b>Name each employee or contractor of the local governmental entity who makes recommendations to a local government officer of the governmental entity with respect to expenditures of money AND describe the affiliation or business relationship.</b>	

4

**Name each local government officer who appoints or employs local government officers of the governmental entity for which this questionnaire is filed AND describe the affiliation or business relationship.**

Adopted 11/02/2005

**CONFLICT OF INTEREST QUESTIONNAIRE****For vendor or other person doing business with local governmental entity**

- 5 Name of local government officer with whom filer has affiliation or business relationship. (Complete this section only if the answer to A, B, or C is YES.)**

This section, item 5 including subparts A, B, C & D, must be completed for each officer with whom the filer has affiliation or other relationship. Attach additional pages to this Form CIQ as necessary.

- A. Is the local government officer named in this section receiving or likely to receive taxable income from the filer of the questionnaire? ☐ Yes ☐ No
- B. Is the filer of the questionnaire receiving or likely to receive taxable income from or at the direction of the local government officer named in this section AND the taxable income is not from the local governmental entity? ☐ Yes ☐ No
- C. Is the filer of this questionnaire affiliated with a corporation or other business entity that the local government officer serves as an officer or director, or holds an ownership of 10 percent or more? ☐ Yes ☐ No
- D. Describe each affiliation or business relationship.

\_\_\_\_\_  
Signature of person doing business with the governmental entity

\_\_\_\_\_  
Date

Adopted 11/02/2005

**BIDDER REMINDER LIST:  
REQUESTED DOCUMENTATION INCLUDED?  
ORIGINAL AND ONE (1) COPY INCLUDED?  
ALL BLANKS COMPLETED ON THIS BID FORM?  
COMPLETED COMPANY PROFILE/REFERENCES?  
COMPLETED SIGNATURE?**

**Introduction:**

The City of Frisco, acting as Lead Agency in cooperation with the Cities of Appleby, Colleyville, Desoto, Lancaster, Midlothian, and Cedar Hill, invites and will accept low bid competitive sealed bids for Lion Apparel only (No Substitutes Will Be Considered) for Personal Protective Equipment.

**Contract Terms and Extension:**

The contract term will be for one year, with City options to renew for four (4) additional one year (12 month) periods. There are no automatic extensions. Ninety days prior to the contract anniversary date, the Purchasing and Fire Departments of the cities of Frisco, Appleby, Colleyville, Desoto, Lancaster, Midlothian, and Cedar Hill will take into consideration vendor performance before a decision is made to renew for another year (12 month period) or to terminate and re-bid the contract. Upon mutual agreement of the cities and the vendor, the contract will be extended under the same terms and conditions for another one year (12 month) period. The contract may be extended under the same terms and conditions on the anniversary date for up to four (4) one-year periods. Prices must be fixed for the first two years of the contract. Increases not to exceed 5% will be considered in years three, four, and five of the contract.

**Award Criteria:**

The City of Frisco will be the sole judge in its determination of the successful bidder and will award the bid to the responsive and responsible lowest bidder of Lion Apparel (No Substitutes Will Be Considered).

# **Personal Protective Equipment**

## **Technical Specification**

Scope

Yes | No

The purpose of the clothing is to provide protection during structural fire fighting operations where there is a threat of fire or when certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extrication.

Standard

Yes | No

All garments produced shall meet or exceed the criteria set forth in the current edition of NFPA 1971 PROTECTIVE CLOTHING FOR STRUCTURAL FIRE FIGHTING, FED-OSHA CFR 1910, Subpart L, OSHA 29 CFR Part 1910.1030 and/or the requirements of CAL-OSHA title 8, Article 10.1, Para. 3406.

All components and composites used in the construction of garments shall be third party tested, certified and listed for compliance to NFPA 1971. The label of the third party tester shall denote certification.

The manufacturer shall be registered to the ISO Standard 9001 to assure a satisfactory level of quality.

USER GUIDE INFORMATION

Yes | No

Each garment shall include a User Information Guide with information required by NFPA 1971.

This guide shall include:

- (a) Pre-use information:
  - Safety considerations.
  - Limitations of use.
  - Garment marking recommendations and restrictions.
  - A statement that most performance properties of the garment cannot be tested by the user in the field.
  - Warranty information.
- (b) Preparation for use:
  - Sizing/adjustment.
  - Recommended storage practices
- (c) Inspection:
  - Inspection frequency and details.
- (d) Don/Doff:
  - Donning and doffing procedures.
  - Sizing and adjustment procedures.
  - Interface issues.
- (e) Use:
  - Proper use consistent with NFPA 1500, Standard on Fire Department, Occupational Safety and Health Program, and 29 CFR 1910, 132.
- (f) Maintenance and Cleaning:
  - Cleaning instructions and precautions with a statement advising users not to use garments that are not thoroughly cleaned and dried.
  - ~~• Inspection details.~~
  - Maintenance criteria and methods of repair where applicable.
  - Decontamination procedures for both chemical and biological contamination.
- (g) Retirement and Disposal
  - Retirement and disposal criteria and considerations.



(h) Drag Rescue Device (DRD)

- Use, inspection, maintenance, cleaning and retirement of the DRD.

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**Tracking Label System**

Yes | No

There shall be a PDF417, two dimensional bar code label permanently affixed to each garment for tracking purposes. The bar code shall contain a minimum of the following information:

- a. unique serial number
- b. item description (brand, model, material color)
- c. lot information (date of mfg., size, etc.)
- d. material description
- e. the standard to which the garment is compliant

The bar code shall be able to withstand customary wash and wear cycles. The PDF417 bar code must incorporate a minimum of a 30% "error correction" capability.

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**Sizes**

Yes | No

Coats shall be made available in even chest sizes with corresponding sleeve lengths available in short, regular, and long. Pant sizes shall be made available in even waist sizes with inseam lengths available in extra short, short, regular and long. Male and female sizing available.

---

**Warranty**

Yes | No

Each garment shall have a limited lifetime warranty against defects in material and workmanship.

---

**Composite Performance**

Yes | No

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Thermal Protective Performance (TPP) of not less than 38 when tested in accordance with NFPA 1971 standard.

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Total Heat Loss (THL) of not less than 283 when tested in accordance with NFPA 1971 standard.

The Heat Transfer Index rating shall be 25 seconds for the shoulder when measured at 2 psi (pounds per square inch) and 25 seconds for the knee when measured at 8 psi.

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**Stress Points**

Yes | No

All outer shell stress points, including top and bottom pocket corners, pocket flap corners, top and bottom of storm flap/fly shall be reinforced using a 42 stitch minimum bar tack.

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**Labeling**

Yes | No

Each garment shall have a garment label(s) permanently and conspicuously attached stating at least the following language, as well as detailed warning instructions provided by the manufacturer.

**Do Not Remove This Label**

**THIS GARMENT MEETS THE GARMENT REQUIREMENTS OF NFPA 1971,  
STANDARD ON PROTECTIVE ENSEMBLE FOR STRUCTURAL FIRE FIGHTING,  
2007 EDITION**

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**MADE IN THE U.S.A.**

## Packaging

Each Coat and Pant shall be packaged in a dark plastic bag in order to provide protection during shipping and prior to first use

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## Acquisition Regulation

In the past three-year period has your firm, or any of its principals, been convicted or had a civil judgment rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen

\_\_\_\_YES \_\_\_\_NO

Detailed Description / Specification

Meets Requirements?

---

### Janesville® V-Force® Bi-Swing Coat

#### Coat Model / Design

Yes | No

COAT CONSTRUCTION: The coat is designed of a 3-panel construction in all layers of our innovative V-fit design. For optimum comfort and mobility an inverted pleat on each side where back front and back body panel pieces meet shall be incorporated. Each pleat shall begin at the back of each shoulder and shall extend vertically down the side of the coat. A combination moisture barrier/thermal liner shall include a corresponding 1" inward dynamic fold approximately 1.5" from each sleeve seam at the shoulder. This fold shall provide for coat expansion when extending arms forward and shall interface with the inverted pleats of the outer shell to maximize mobility and function of the outer shell and thermal liner. Sleeves shall be of raglan design in the front and set in design in back.

#### Coat Model / Design

Yes | No

When measured at the center of the back from the collar seam to the hem bottom, the coat shall measure 32" long.

#### Drag Rescue Device

Yes | No

The Fire Fighter Recovery Harness™ shall be constructed of a one and one-half inch wide KEVLAR® strap that shall be installed between the outer shell and the thermal liner. This harness shall have a hand loop (16" in circumference) that exits the outer shell through a 2" polymer coated aramid reinforced slot on the back of the coat just below the collar and is held in place by means of a piece of 1.5" x 2" hook on the strap and a piece of 1" x 2" loop attached to the outer shell. This strap is then secured under a 2.25" x 5.25" flap that is sewn in at the neck /collar area. Two pieces 1" x 2" loop shall be set vertically on shell to align with two pieces of 1" x 2" hook set vertically to the underside of the flap. The harness is also held in proper alignment by means of a 2" x 2" piece of loop placed on the inside of the outer shell underneath the chest trim that corresponds to a piece of 1.5"x 2" hook located on the harness. Two 1" x 3.5" self-fabric straps with 1" x 2" hook on one end and 1" x 2" loop on other end shall be set to coat in the shoulder cap area to keep straps in proper position for use.

Fire Fighter Recovery Harness™ provides mechanical leverage for dragging a

downed and incapacitated structural firefighter from a life-threatening environment. The design of the harness enables the rescuer to drag the downed firefighter in line with the axis of the firefighter's skeletal frame, in order to decrease the risk of further injury.

### Coat Outer Shell Material

Yes | No

The outer shell shall be constructed of +/- 7.25 oz./sq. yd. 40% PBI®/60% KEVLAR® highly constructed ripstop weave with extremely durable FPE water resistant Teflon® FPE alloy reinforced with a matrix of 600 denier filament Kevlar® cables. Color shall be natural (gold).

### Coat Liner & Moisture Barrier

Yes | No

**THERMAL LINER:** The thermal liner shall be comprised of Glide™ 100% NOMEX® high-lubricity, stress reducing, filament/spun face cloth weighing 3.5 oz/sq/yd, manufactured in a 2X1 twill weave from a combination of 200 denier filament NOMEX® fiber and colorfast producer dyed NOMEX® ring spun fibers. The high filament yarns, with superior wicking characteristics, shall represent no less than 60% of the face cloth's composition, and shall be positioned in the warp direction of the weave in order to optimize their slippery characteristics on the face, and promote superior moisture management within the microclimate of the garment. The Glide™ face cloth shall be quilted to one layer E-89™ spunlace aramid (85%NOMEX®/15% KEVLAR®) weighing approximately 2.3 oz./sq. yd. and one layer of apertured (11-13 apertures/sq. inch) E-89™ spunlace aramid (85% NOMEX®/15% KEVLAR®) weighing approximately 1.5 oz./sq. yd. both layers shall be treated with a Teflon® finish to promote minimal moisture stored in the garment microclimate as well as promote rapid drying (Total weight +/- 7.3 oz./sq. yd.).

**MOISTURE BARRIER:** CROSSTECH® BLACK (Type 2F): NOMEX® substrate laminated to a lightweight breathable, Teflon membrane; weighing 5.0 oz./sq. yd.

The liner shall have one 8.5" x 8.5" internal pocket which shall be made of black outer shell material. The liner pocket shall be located on the left side of coat liner.

**Quilt Thermal Liner Construction:** The CROSSTECH®/NOMEX® pajama check moisture barrier shall be completely separable from the thermal liner at its perimeter by means of hook and loop and snaps. This allows for total inspection of the moisture barrier and the replacement of only one component as needed without the expense of having to replace the entire liner system. All moisture barrier seams shall be sealed as required by NFPA 1971. The moisture barrier/thermal liner shall finish no more than 1" from the cuffs and 2" from the hem.

**MOISTURE BARRIER/THERMAL LINER ATTACHMENT:** Completely Removable: The moisture barrier/thermal liner shall be completely detachable from the outer shell for ease of cleaning by the use of hook and loop, zippers, and snaps. There shall be a brass zipper and two snaps down each front facing, hook and loop shall also be located around the entire neck opening. In addition, there will be a snap for alignment along the bottom of the liner, and one snap and hook and loop at each sleeve end.

All moisture barrier seams shall be sealed as required by NFPA 1971.

### Reflective Trim

Yes | No

All trim shall be sewn with four rows lockstitch 301, minimum six stitches/inch for most secure trim attachment.

Ventilated Trim shall be of 3" Scotchlite II (triple trim) of lime/yellow perforated with 0.08 mm holes (114 per square inch) to provide a conduit for the release of vapor that can occur when moisture is heated and the trim compressed.

Viz-a-V™ Pattern: One 3" strip shall be set full circumference at the bottom sweep of the outer shell; one 3" strip shall be set around each sleeve approximately 2" from bottom of sleeve cuff; one 3" strip shall be set full circumference at the chest; one 3" strip shall be set around each sleeve just above the elbow; two 3" V shaped vertical strips shall be set at an angle from hem trim to back chest trim of the coat.

\*\*\* APPLEBY, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN - Lime/Yellow

\*\*\* CEDAR HILL - Red/Orange

New York Pattern: One 3" strip shall be set full circumference at the bottom sweep of the outer shell; one 3" strip shall be set around each sleeve approximately 2" above the cuff; one 3" strip shall be set around each sleeve just above the elbow; one 3" strip shall be set full circumference at the chest.

\*\*\* FRISCO - Lime/Yellow

### Reflective Trim

Yes | No

Reflective Trim set vertical down flap of fallen man harness, 4 rows lockstitch.

Trim shall be of 3" Ventilated Scotchlite II (triple trim) of lime/yellow

Ventilated Trim shall be of 3" Scotchlite II (triple trim) of perforated with 0.08 mm holes (114 per square inch) to provide a conduit for the release of vapor that can occur when moisture is heated and the trim compressed.

\*\*\* APPLEBY, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN - Lime/Yellow

\*\*\* CEDAR HILL - Red/Orange

### Coat Collar

Yes | No

MOISTURE BARRIER/THERMAL LINER CONSTRUCTION: The liner collar shall be a layer of self material and a layer of CROSSTECH® Black. The design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. The left and right fronts of the liner collar shall be attached to the facings at the front closure of the outer shell. The neck of the liner collar shall be secured to the neck of the outer shell collar such that when donning the coat an arm may not be accidentally caught between the outer shell and its inner linings. A 4" wide CROSSTECH® Black and 1.5" self-material extension shall be sewn the full length of the neck with multiple pieces of ¾" loop for attachment to shell collar. The

self material extension shall overlap the shell collar to prevent exposure of the hook and loop. Collar closure shall be provided by FR hook and loop 1.5" x 4", with hook portion sewn on right side of collar, and loop portion sewn on left, set horizontal.

**COLLAR:** The split collar shall consist of two piece construction shaped for comfort. The collar shall be configured such that when the collar is raised it shall remain standing while providing continuous thermal and moisture protection around the neck and face. To ensure this protection, the two layers of outer shell collar shall be fully lined with a layer of CROSSTECH® Black. The shell collar shall provide proper interface with the liner to insure no moisture penetration through the collar seam to the inside of coat. The shell collar shall have multiple pieces 3/4" hook along top edge for liner attachment. The collar shall be attached to the liner facing using 3/4" hook. Collar shall be of such design so as not to interfere with SCBA face masks, or helmet.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN - 3"

\*\*\* FRISCO - 4"

### Throat Tab

Yes | No

The throat strap shall be of 4-layer configuration providing continuous thermal and moisture protection around the neck and face. The throat strap shall be mounted to the outer shell collar to ensure that when the coat is closed and the collar is raised, the throat strap shall prevent any opening between the left and right collar. To ensure this protection, the inside of the throat strap shall be fully lined with one layer of Gore RT7100™ PTFE moisture barrier material and two layers of 1.5oz apertured E-89™ thermal liner. The outer most layer of the throat strap shall be outer shell material. The innermost layer facing the wearer's body shall be outer shell fabric.

The throat strap shall be mounted to the outer shell collar 3.5" back from the collar facing and shall be not less than 11" long and 4" wide, contour shaped to be compatible with the SCBA facemask and secured in the stowed position with 2"x 2" FR loop on the right outside of the collar. 2" x 2" FR hook shall be sewn to the end of the throat strap and 2"x 3" corresponding FR loop shall be sewn to the outer shell material on the left side of the collar to provide maximum adjustment when wearing an SCBA breathing apparatus mask. The throat strap will close from the right to the left.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN

### Hanger Loop

Yes | No

An external hanger loop constructed of a double layer of outer shell material and reinforced with two 42-stitch bartacks shall be provided on the outside of the coat at the collar seam. It shall be designed to provide long service and shall not tear or separate from the coat when the coat is hung by the hanger loop, loaded evenly with a weight of 80 lbs. and allowed to hang for one minute.

**Coat Inner Yoke Reinforcement**

Yes | No

A layer of Semper Dri™ (3.0 oz./sq. yd. Teflon® treated Chambray (NOMEX® spun) face cloth quilted to araflor/E-89™ (Total weight +/- 6.0-6.8 oz./sq. yd)) shall be positioned between the moisture barrier and thermal liner for extra thermal protection in a high heat and compression area of the coat. It shall be sewn to the inside of the upper back portion of the thermal liner across the upper back from the back shoulder and collar seams 7" down, over the tops of shoulders and down the front approximately 4" ending at the armhole.

**Coat Shoulder Reinforcement**

Yes | No

A 4" wide area at the top of the shoulders extending 6" from the collar seam shall be capped with polymer-coated aramid for abrasion resistance and thermal protection.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN  
- Black

\*\*\* FRISCO - Grey

**Coat Elbow Reinforcement**

Yes | No

The sleeve shall have an insert throughout all layers that shall provide a natural bend in the sleeve. This elbow shall include cut outs, shaped pieces, and darts to create free movement with few restrictions. The insert shall consist of polymer-coated aramid for abrasion resistance and thermal protection.

In addition to reinforcement, elbows shall be padded using one layer of uninterrupted 1/8" thick, fire retardant closed-cell foam. The reinforcement material shall be oriented between the outer shell and elbow insert reinforcement.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN  
- Black

\*\*\* FRISCO - Grey

**Coat Cuff Reinforcement**

Yes | No

The extended cuff of the sleeve shall be reinforced with a binding of polymer-coated aramid not less than 3" in total width for abrasion resistance and thermal protection. One leather tab with female snap fastener shall be set in the cuff to attach outer shell to liner.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN  
- Black

\*\*\* FRISCO - Grey

**Coat Wristlets**

Yes | No

An internal wristlet shall consist of a 2-ply knit of 48% NOMEX®/48% KEVLAR® and 4% Spandex for superior recovery. Wristlet to be combination of natural and bronze colors producer dyed by DuPont, and with extremely durable Teflon® water resistant alloy not less than 8" extending completely over the palm with a thumbhole preventing the wristlet from sliding back. Wristlets shall be double stitched and bound to the moisture barrier/thermal liner providing extended thermal and slash protection.

**Waterwells - Ever-Dri**

Yes | No

A combination Semper Dri™ (3.0 oz./sq. yd. Teflon® treated Chambray (NOMEX® spun) face cloth quilted to arafo/E-89™ (Total weight +/- 6.0-6.8 oz./sq. yd)) and one layer of breathable CROSSTECH® (Type 2C) moisture barrier leader shall be sewn no more than 1" back from the combination liner sleeve end. This leader shall be approximately 4" in length and end with a gathering of 1" elastic. This sleeve well shall prevent water and hazardous materials from entering the sleeve when arms are in a raised position.

The combination liner sleeve ends shall be inserted into the outer shell sleeve ends by means of lining up the snaps then attaching the FR loop fastener of the combination liner sleeve end with the FR hook fastener of the outer shell cuff. This method of combination liner attachment shall prevent any gaps from occurring between the combination liner and sleeve well during a full range of motion. The combination liner shall extend to within 1" of the sleeve end.

**Coat Closure System**

Yes | No

**THERMAL FRONT PANEL CONSTRUCTION:** There shall be continuous thermal and moisture protection around the entire torso including the storm flap. To ensure this protection, as well as reduce potential for wicking moisture to inside of liner, both right and left inside front facings of the coat outer shell shall incorporate outer shell fabric and Gore RT7100™ PTFE moisture barrier, extending from collar to hem.

**COAT FRONT CLOSURE DESIGN:** The complete outer shell coat front closure design shall consist of a FRONT CLOSURE SYSTEM completely protected by an OUTSIDE STORM FLAP which shall have its own, independent STORM FLAP CLOSURE SYSTEM.

**STORM FLAP:** A storm flap measuring not less than 2.5" wide, nor less than 22" in length shall be set on the outside of the right side of the coat opening for maximum thermal protection and clear drainage. The inner lining of the storm flap shall be Gore RT7100 PTFE moisture barrier meeting all requirements for moisture barriers sandwiched between two layers of outer shell fabric.

**FRONT/STORM FLAP CLOSURES:** The front closure shall consist of a thermoplastic zipper with a 1 3/4" polymer coated aramid tab added to left bottom for fast closure and exit. The storm flap closure shall consist of double-stitched 1.5" wide FR hook and loop attachment with FR hook fastener sewn on the left front of the coat, and corresponding FR loop fastener sewn on the inner side of the outer storm flap. The hook and loop closure shall extend the full length of the outer storm flap eliminating

all exposed frontal hardware.

\*\*\* CEDAR HILL, COLLEYVILLE, DESOTO, FRISCO, LANCASTER, MIDLOTHIAN

The front closure shall consist of a thermoplastic zipper with a 1 3/4" polymer coated aramid tab added to left bottom for fast closure and exit. There shall be four standard snap hooks, each securely riveted with three leather reinforced rivets to the left front coat, to engage dee rings on the storm flap. Dee rings shall each be securely riveted with two leather reinforced rivets, along the leading outside edge of the storm flap. The snap hooks and dee rings shall be spaced with the first hook at the top of the coat and the other three snap hooks and dee rings evenly spaced along the front of the coat.

\*\*\* APPLEBY

### ***Coat Options***

Yes | No

Coat options listed below, if any

### **Mic Tab**

Yes | No

There shall be a 1" X 3" triple layer self -fabric mic tab attached with bar tacks on each side. Bar tacks shall be a minimum 42-stitch bar tack.

#### **Item Location for Above**

Yes | No

Shall be located on the chest above the radio pocket.

### **Mic Tab**

Yes | No

There shall be a 1" X 3" triple layer self -fabric mic tab attached with bar tacks on each side. Bar tacks shall be a minimum 42-stitch bar tack.

\*\*\* FRISCO

#### **Item Location for Above**

Yes | No

Shall be located on the opposite chest.

### **Mic Tab**

Yes | No

There shall be a 2" X 5" triple-layer self-fabric mic tab sewn to the shell.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN

#### **Item Location for Above**

Yes | No

Shall be located on the chest; to be specified by department.

### **Flashlight Strap**

Yes | No

1x10" 2 layers self fabric flashlight strap X-stitched to shell with 1 piece 1x3" hook & 1 female logo on one end, 1 piece 1x3" loop & 1 male snap on opposite end.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN



**Item Location for Above**

Yes | No

Shall be located on the chest above the chest trim; to be specified by department.

**MISC. Fasteners**

Yes | No

Utility snap hook shall be attached to outer shell. Utility snap shall be securely riveted with (3) leather reinforced rivets.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN

**Item Location for Above**

Yes | No

Shall be located on the chest 1-2" below the mic tab & 3-4" above the flashlight strap (BEST FIT).

**Emblem**

Yes | No

There shall be a 2.5x4.25" Texas State Flag patch sewn to the coat shoulder.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN

**Lettering Patches**

Yes | No

A name panel made of one layer of outer shell material measuring 4" x 15" shall be attached to the coat between hem and chest trim via Velcro.

\*\*\* FRISCO

There shall be one 5"x18" contoured 2-layer self-fabric one-line Letter Patch attached to hang from back hem via Velcro and corner-located snaps.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN

**Sewn On Lettering**

Yes | No

There shall be 2" Scotchlite letters, sewn-on to the lower letter patch; for fire fighter names.

\*\*\* APPLEBY, COLLEYVILLE, DESOTO, FRISCO, LANCASTER, MIDLOTHIAN - Lime/Yellow

\*\*\* CEDAR HILL - Red/Orange

**Sewn On Lettering**

Yes | No

There shall be 3" Scotchlite letters, sewn-on across the upper back yoke. The following will be set in an arch - APPLEBY, CEDAR HILL, DESOTO, MFD (Midlothian); the following will be set straight - CFD (Colleyville), FRISCO, LFD (Lancaster).

\*\*\* APPLEBY, COLLEYVILLE, DESOTO, FRISCO, LANCASTER, MIDLOTHIAN - Lime/Yellow

\*\*\* CEDAR HILL - Red/Orange

**Lettering Patches**

Yes | No

A letter patch made of one layer of outer shell material measuring 1" x 5" shall be sewn to each upper sleeve of the coat, above any other patches/logos.

\*\*\* APPLEBY

**Lettering**

Yes | No

There shall be 1/2" block-style letters embroidered in the color black to each shoulder patch; to read - AFD

\*\*\* APPLEBY

**OPTION - Sewn On Lettering**

Yes | No

There shall be an OPTION for 3" lime yellow Scotchlite letters, sewn-on below the back-side chest-level reflective trim; for officer rank.

\*\*\* FRISCO

**Coat Pockets**

Yes | No

Coat pocket specifications listed below

**Turn-Out Pockets**

Yes | No

9" x 9" Semi-bellow and handwarmer pocket combination that expands by means of side and bottom gussets to a thickness of 2" in back only and 0" in front. The pocket shall be set at the bottom of the coat hem and reflective trim shall be set on each pocket.

There shall be a 6" opening on the rear side of the bellow of the pocket

Pocket shall be lined inside with Semper Dri™ thermal liner material and have a KEVLAR® twill backer.

Pocket and flap shall be set with stitch 301, seam Ssb-2 with each corner of pocket opening and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture to be provided by brass eyelets.

Each pocket flap shall measure 10" wide by 3" high in front and 5" high in rear. Each flap shall incorporate a 1" by 2" polymer coated aramid pull tab for easy opening. The corner under this tab shall be reinforced with two layers of Lite-N-Dri™ for stability.

A hook and loop closure system shall be set with two pieces of 1.5" x 3" loop fastener set horizontally on the outside edge of the pocket opening with corresponding 1.5" x 3" hook fastener set vertically on the underside of the flap.

**Item Location for Above**

Yes | No

Shall be located on left and right of the front bottom.

**Turn-Out Pockets**

Yes | No

One 3.5" wide x 8" deep full bellows radio pocket that expands by means of side and front gussets to a thickness of 2" in front and back.

Pocket and flap shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with a minimum 42-stitch bar tack. A brass eyelet shall provide drainage of moisture.

Pocket flaps shall be 4.5"x 5".

Pocket shall be fully lined all 3 sides inside pocket and flap with polycotton lining.

Pocket flap shall close to the pocket top using 1 piece of 2"x 3" loop on pocket horizontally and 1 piece of 2"x 3" hook on flap vertically.

Pocket flap shall include a V-notch positioned on both sides of the flap to accommodate an antenna.

\*\*\* COLLEYVILLE, FRISCO.

### Turn-Out Pockets

Yes | No

One 3" wide x 7" deep full bellows radio pocket that expands by means of side and front gussets to a thickness of 2" in front and back.

Pocket and flap shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with a minimum 42-stitch bar tack. A brass eyelet shall provide drainage of moisture.

Pocket flaps shall be 4"x 5".

Pocket shall be fully lined all 3 sides inside pocket with polycotton lining.

Pocket flap shall close to the pocket top using 1 piece of 1.5"x 3" loop on pocket horizontally and 1 piece of 1.5"x 3" hook on flap horizontally.

Pocket flap shall include a V-notch positioned on both sides of the flap to accommodate an antenna.

\*\*\* APPLEBY, CEDAR HILL, DESOTO, LANCASTER, MIDLOTHIAN

### Item Location for Above

Yes | No

Shall be located on the chest; to be specified by department.

## Janesville® V-Force® High-Back Pant

### Pant Model / Design

Yes | No

PANT CONSTRUCTION: The pant shall have a low rise waist V-Fit™ design with five inch high back panel with hook and loop for support panel of Lion V-Back™ suspenders (required with these pants).

EXTENDED BACK PANEL: A back panel shall be constructed of two layers of outer shell material, one middle layer of moisture barrier material and one layer of thermal liner material. One piece self fabric flap 9" wide x 5" high with 5" x 9" hook to attach suspenders. This panel shall be stitched to the perimeter of the outer shell and shall measure 10" across the top, 19" across the bottom (being graded for waist size), and

extend 5" above the pant waist with 5" x 9" loop. See V-Back™ suspender specification.

**RADIAL INSEAM BAND:** A radial banded insert runs continuously from the top of knee on one leg, through the crotch area to the top of the opposite knee. The elimination of crotch seams reduces tension in the crotch area to give added comfort and helps to alleviate stress to extend the useful life of the gear. Also there is an added insert piece in the design to help ensure that when the firefighter is kneeling or bending the leg of the garment bends in alignment with the leg so that the knee of the firefighter centers on the knee pad of the pant. It also helps to eliminate rubbing of the inseams of each leg against each other when the firefighter is working so that the risk of abrasion of the seams is minimized.

**WAISTBAND:** The waist of the pants shall be reinforced on the inside with 1- ply of outer shell material not less than 1.5" in width. The pant waist shall be contour shaped for better comfort and hemmed to provide strength with the independent waistband, which shall then be double stitched to the outer shell.

#### MISC. Pant Options

Yes | No

Two 2" wide self material suspender tabs with snaps shall be attached to waist front for suspender attachment.

#### Pant Outer Shell Material

Yes | No

The outer shell shall be constructed of +/- 7.25 oz./sq. yd. 40% PBI®/60% KEVLAR® highly constructed ripstop weave with extremely durable FPE water resistant Teflon® FPE alloy reinforced with a matrix of 600 denier filament Kevlar® cables. Color shall be natural (gold).

#### Pant Liner & Moisture Barrier

Yes | No

**THERMAL LINER:** The thermal liner shall be comprised of Glide™ 100% NOMEX® high-lubricity, stress reducing, filament/spun face cloth weighing 3.5 oz/sq/yd, manufactured in a 2X1 twill weave from a combination of 200 denier filament NOMEX® fiber and colorfast producer dyed NOMEX® ring spun fibers. The high filament yarns, with superior wicking characteristics, shall represent no less than 60% of the face cloth's composition, and shall be positioned in the warp direction of the weave in order to optimize their slippery characteristics on the face, and promote superior moisture management within the microclimate of the garment. The Glide™ face cloth shall be quilted to one layer E-89™ spunlace aramid (85%NOMEX®/15% KEVLAR®) weighing approximately 2.3 oz./sq. yd. and one layer of apertured (11-13 apertures/sq. inch) E-89™ spunlace aramid (85% NOMEX®/15% KEVLAR®) weighing approximately 1.5 oz./sq. yd. both layers shall be treated with a Teflon® finish to promote minimal moisture stored in the garment microclimate as well as promote rapid drying (Total weight +/- 7.3 oz./sq. yd.).

**MOISTURE BARRIER:** CROSSTECH® BLACK (Type 2F): NOMEX® substrate laminated to a lightweight breathable, Teflon membrane; weighing 5.0 oz./sq. yd.

**MOISTURE BARRIER/THERMAL LINER CONSTRUCTION:** Design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. To deter the wicking of moisture up the thermal liner leg the

bottom nine inches of each thermal leg shall be constructed of Semper Dri (3.0 oz./sq. yd. Teflon® treated Chambray (NOMEX® spun) face cloth quilted to one layer E-89™ spunlace aramid 85%NOMEX®/15% KEVLAR® weighing approximately 2.3 oz./sq. yd. with a Teflon® finish and one layer of apertured (11-13 apertures/sq. inch) E-89™ spunlace aramid 85% NOMEX®/15% KEVLAR® weighing approximately 1.5 oz./sq. yd. with a Teflon® finish. (Total weight +/- 6.8 oz./sq. yd.)). The waist of the moisture barrier/thermal liner shall be secured to the waist of the outer shell such that when donning the pant a leg may not be accidentally caught between the outer shell and its inner linings along the waist and between the legs of the pant. For added thermal protection to the knee, an additional layer of 1/8" thick, fire retardant closed-cell foam shall be positioned between the moisture barrier and thermal liner at the knee.

Quilt Thermal Liner Construction: The CROSSTECH®/NOMEX® pajama check moisture barrier shall be completely separable from the thermal liner at its perimeter by means of hook and loop. In addition there shall be snaps along the waist and bottom leg opening for alignment. This allows for total inspection of the moisture barrier and the replacement of only one component as needed without the expense of having to replace the entire liner system. All moisture barrier seams shall be sealed as required by NFPA 1971. The moisture barrier/thermal liner shall finish no more than 3" from the cuffs.

Completely Removable: The moisture barrier/thermal liner shall be completely detachable from the outer shell for ease of cleaning by using snaps and hook and loop. Nine evenly spaced snaps shall secure the liner to the integral waistband; Two snaps shall be set in leather leg tabs at each leg end.

### Reflective Trim

Yes | No

All trim shall be sewn with four (4) rows lockstitch 301, minimum (6) stitches/inch for most secure trim attachment. Ventilated Trim shall be of 3" Scotchlite II (triple trim) perforated with 0.08 mm holes (114 per square inch) to provide a conduit for the release of vapor that can occur when moisture is heated and the trim compressed. Pant trim shall be applied as follows: (1) strip set full circumference around the bottom of the cuff 3" from the bottom cuff.

\*\*\* APPLEBY, COLLEYVILLE, FRISCO, DESOTO, LANCASTER, MIDLOTHIAN - Lime/Yellow

\*\*\* CEDAR HILL - Red/Orange

### Pant Fly Closure

Yes | No

STORM FLY/CLOSURE: The outer shell shall have a sewn on overlapping fly front running the full length of the fly on the left side. The flap shall not be less than 2.5" wide at the waistband. The bottom of the fly shall be reinforced with a 42 stitch bartack.

The storm fly shall be held closed along its length by means of a hook and loop fastener closure 1.5" minimum width, along the leading edge for a distance of not less than 6" from the bottom of the fly closure to the waist area for proper alignment

and secure closure. Velcro stitching will be double rows.

Pant closure shall be provided by a thermo plastic zipper and one snap positioned at the inside top of the fly.

\*\*\* CEDAR HILL, COLLEYVILLE, FRISCO, DESOTO, LANCASTER, MIDLOTHIAN

Pant closure shall be provided by a hook and dee ring closure used for quick one motion closing at the waist. The hook shall be 2.5" in length, made of a zinc non ferrous metal alloy and weigh 1.2 oz. +/- 5%. It shall be securely fastened to the pant by means of a 5/8" wide, treated leather take up strap looped through the rear of the buckle and triple riveted to the pant shell with leather backed rivets. The dee shall be made of a non ferrous metal alloy 2" long x 1 1/16" wide and secured by two leather backed rivets to the leading edge of fly flap.

\*\*\* APPLEBY

The storm fly shall be outer shell material, lined with a 4." strip of CROSSTECH® (Type 2C) moisture barrier material.

THERMAL FLY ASSEMBLY: A 3/4" wide x 9" long loop fastener shall be sewn to the moisture barrier/thermal liner to engage corresponding hook fastener on the underside of the outside storm fly and facing.

WAISTBAND: The waist of the pants shall be reinforced on the inside with one ply of outer shell fabric material not less than 1.5" in width. The pant waist shall be contour shaped for better comfort and hemmed to provide strength with the independent waistband, which shall then be double stitched to the outer shell.

### Take Up Straps

Yes | No

There shall be two waist straps sewn and bar tacked 2 ½" down from the top of the waistband. One strap shall be installed on the right side and one on the left side constructed out of one piece of shell material folded to two layers and sewn to form a 1/2" wide strap. Each strap shall be a minimum of 8 ½" in length. These take-up straps shall have a 5/8" nickel plated postman style slide buckle which shall be attached by a piece of shell material six (6) inches in length folded to form two layers. The strap is sewn to form an attachment strap approximately three (3) inches in length designed for quick take-up adjustment.

### Pant Knee Reinforcement

Yes | No

V-FIT™ KNEE: The knee shall have an insert throughout all layers that shall provide a natural bend in the leg. This knee shall include cut outs, shaped pieces, and darts to create free movement with few restrictions. The insert shall consist of polymer-coated aramid for abrasion resistance and thermal protection. For added thermal protection, an additional layer of uninterrupted 1/8" thick, fire retardant closed-cell foam shall be positioned between the moisture barrier and thermal liner. In addition to reinforcement, knees shall be padded using one layer of uninterrupted 1/8" thick, fire retardant closed-cell foam. This reinforcement material shall be oriented between the outer shell and knee insert reinforcement.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN  
- Black

\*\*\* FRISCO - Grey

### Pant Cuff Reinforcement

Yes | No

The cuff area of the pant shall be reinforced with a binding of polymer-coated aramid not less than 2" in total width for greater strength, abrasion resistance, and thermal protection. In addition a 3" x 3 ½" piece of reinforcement material shall be sewn on the inseam area of the pant leg above the pant cuff and below the pant trim, in order to provide extra abrasion protection. The material used on the kick shield shall match the material used on the pants cuffs.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN  
- Black

\*\*\* FRISCO - Grey

### MISC. Pant Options

Yes | No

The back portion of the cuff will gradually curve upward from each side seam to a maximum of 2" at the center back of the pant leg to prevent wear on the back of the cuff.

### Leg Tabs

Yes | No

Two grey leather leg tabs ¾" wide x 1 ¾" long with female snaps shall be bartacked 2" up from bottom edge on inside of the pant cuff with one on the inseam and one on the outseam. FRISCO has Grey, all other cities have black

### Pant Options

Yes | No

Pant options listed below, if any

### OPTION - Belts and Harnesses

Yes | No

There shall be an OPTION for an NFPA 1983 2001 Edition Class II Life Safety Harness will be positioned between the outer shell and thermal liner and integrated into the bunker pant by use of belt loops in order for the harness to be removable. There shall be three self fabric loops made with two separate 1x3" straps with one piece 1x2" hook with one non-logo female snap and one piece 1x2" loop with one male snap. One loop shall be bartacked inside the center back at the waist and one loop shall be bartacked on each side. The harness, constructed of 1.75" Kevlar webbing and sewn with Kevlar thread, shall also meet all requirements for the NFPA 1971, 2007 Edition Standard. Class II harnesses are designed for rescue with a design load of 600 lbs. The harness is designed to respond to the user when loaded, but is relaxed when not in use. It incorporates a 360 degree waist belt in addition to two leg loops for supporting the load. There are two polymer coated aramid welt openings in the front of the pant to allow the harness to pass through. An adjustable buckle is located outside the pant at the waist for easy and secure closure. One

D-Ring shall be located outside the pant at the center of the waist for attachment to the anchor point.

### ***Pant Pockets***

Yes | No

Pant pocket specifications listed below

### **Turn-Out Pockets**

Yes | No

10" wide x 10" deep outside full bellows pockets that expand by means of side and bottom gussets to a thickness of 2" in front and back.

Pockets shall be fully lined on three sides with KEVLAR® twill on inside of pocket.

Pocket and flap shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture to be provided by brass eyelets.

Pocket flap shall be 11"x 5.

A hook and loop fastener closure system shall be set with 1.5" x 10" loop fastener horizontally on the pocket and (2) pieces of 1.5" x 2.75" hook fastener vertically on the underside of the flap.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN

In addition, Poly-coated aramid shall be 5" up outside on pocket.

\*\*\* FRISCO

### **Item Location for Above**

Yes | No

Shall be located on the left thigh.

### **Turn-Out Pockets**

Yes | No

9" wide x 10" high, outside full bellows pockets that expand by means of side and bottom gussets to a thickness of 2" in front and back.

Pockets shall be fully lined with KEVLAR® twill on all 4 sides inside of pocket; two layers of KEVLAR® lined self-fabric on shell inside pocket. First layer 6.5" high, second layer 4.5" high. Both layers stitched in 3" increments to create six tool compartments.

Pocket and flap shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture is to be provided by brass eyelets.

Pocket flaps shall be 5" x 10"

A hook and loop fastener closure system shall be set with 2" x 9" loop fastener horizontally on the pocket and three pieces of 1.5" x 3" hook fastener vertically on the underside of the flap.

\*\*\* APPLEBY, CEDAR HILL, COLLEYVILLE, DESOTO, LANCASTER, MIDLOTHIAN



In addition, Poly-coated aramid shall be 5" up outside on pocket.

\*\*\* FRISCO

**Item Location for Above**

Yes | No

Shall be located on the right thigh.

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**Suspenders**

Yes | No

**SCOPE**

A highly engineered 40" red suspender designed for greater range of mobility and reduced stress allowing for three points of attachment to V-Force™ Highback pants with hook and loop in back and snap attachment in front.

**DESIGN**

Two 12" front pull straps shall be constructed as follows: 2" wide elastic polyester webbing shall be fed through 2" metal loops and secured with a two-needle lock-stitch at one end. A black military finish steel double dee ring shall be fed through the webbing. The other end of the webbing shall be fed through a 2" wide thermo-plastic dee ring and secured with a two-needle lock-stitch. The dee ring shall function as a pull strap for easily adjusting the suspenders for proper fit.

Two 1" shoulder straps shall be constructed as follows: 2" wide elastic polyester webbing shall be fed through the top half of the steel double dee ring and secured with a two-needle lock-stitch. The top of each strap shall be secured to the V-shaped shoulder pad with two-needle lock-stitch and two 42-stitch bartacks. Two 6" back straps made of 2" wide elastic webbing shall be joined with two-needle lock-stitch at the bottom of each V-shaped shoulder pad. The end of each back strap shall be single-needle lock-stitch to a 8" wide by 4" high hook and loop panel for securing to V-Force back panel.

Shoulder pads shall be constructed of two layers of 1/8" thick, fire retardant closed-cell foam encapsulated in 7.5 oz. Black NOMEX®. Each shoulder pad shall be 3" wide and 12" long ending in a 4" high back reinforcement pad. Each shoulder pad shall have an embroidered Lion Head Logo.

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**GENERAL INFORMATION**  
**CITY OF FRISCO, TEXAS**  
**CITY OF FRISCO PURCHASING DIVISION**

**BID FORM – Bid #1201-036**

**Lion Apparel Personal Protective Equipment Only (No substitutes)**

Item	Description	Units	Estimated Annual Quantity	Unit Cost	Extended Cost	Delivery (in days)
1	V-Force Bi-Swing Coat Male Model CVBM-32, CVBM-35	Each	149			
2	V-Force Bi-Swing Coat Female Model CVBF-29 CVBF-32	Each	11			
3	V-Force High Back Pant Male Model PVHM	Each	149			
4	V-Force High Back Pant Female Model PVHF	Each	11			
5	V-Back Quick Adjust, Stretch Padded Suspenders- SR836-36"	Pair	160			
6	V-Back Quick Adjust, Stretch Padded Suspenders – SR840-40"	Pair	160			
7	V-Back Quick Adjust, Stretch Padded Suspenders – SR845-45"	Pair	160			

Grand Total: \_\_\_\_\_

The undersigned certifies that the bid prices contained in this bid have been carefully reviewed and are submitted as correct and final. Bidder further certifies and agrees to furnish any and/or all product/service upon which prices are extended at the price offered, and upon the conditions in the specifications of the Invitation For Bid.

I hereby certify that the foregoing bid has not been prepared in collusion with any other bidder or other person or persons engaged in the same line of business prior to the official opening of this bid. Further, I certify that the bidder is not now, nor has been for the past six (6) months, directly or indirectly concerned in any pool or agreement or combination to control the price of product/service bid on, or to influence any person or persons to bid or not to bid thereon."

Name of Bidder: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail address: \_\_\_\_\_

By: \_\_\_\_\_ (print name) Cash Discount Terms: \_\_\_\_\_

Title: \_\_\_\_\_ Federal ID #/SSN #: \_\_\_\_\_

Signature: \_\_\_\_\_

Acknowledgement of Addenda: #1 \_\_\_\_\_ #2 \_\_\_\_\_ #3 \_\_\_\_\_ #4 \_\_\_\_\_ #5 \_\_\_\_\_